



AC L2009

High RI, Optically Clear Adhesive

Features

- High RI
- Optically Clear
- Good adhesion to various substrates
- Good Flow properties

Description

- UV-Curable Adhesive

APPLICATIONS

High RI material for lenses and optical applications

TYPICAL PROPERTIES

Liquid

Viscosity (cps, 25 °C)	100 - 150
Storage (°C)	15 to 25 °C
Shelf life (15 - 25 °C)	6 months
Pot life (15 - 25 °C)	3 months

Cured film

Shrinkage (linear, %)	< 0.3
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Glass transition temperature (°C, DMA)	40
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Refractive index of cured film (25°C)

@ 589 nm	1.590
@ 1310 nm	1.573
@ 1550 nm	1.570

UV curing conditions

<u>Flood cure system – UV dose (J/cm²), air</u>	4 to 6
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** Intensity recommended for Flood lamp system: 49 WPCM or 125 WPI

SAFETY AND HANDLING

The un-cured adhesive can be cleaned from apparatus with isopropyl alcohol (IPA), methyl ethyl ketone (MEK), or commercial alcohol based cleaning solution.

Use caution in handling this material. Avoid direct skin and eye contact. Use only in well ventilated areas. Use protective clothing, **gloves and safety goggles**. Read Material Safety Data Sheet before handling.

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